

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101519\
 Data File : VD063975.D
 Acq On : 15 Oct 2019 16:44
 Operator : VA/SY
 Sample : K5374-01RE
 Misc : 5.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCK-PILE-1RE

Quant Time: Oct 16 03:42:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	145231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	279351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	273764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	127269	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	89554	63.34	ug/l	0.00
Spiked Amount			Recovery	=	126.68%	
35) Dibromofluoromethane	7.92	113	86944	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
50) Toluene-d8	10.34	98	373811	53.95	ug/l	0.00
Spiked Amount			Recovery	=	107.90%	
62) 4-Bromofluorobenzene	12.64	95	109390	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	

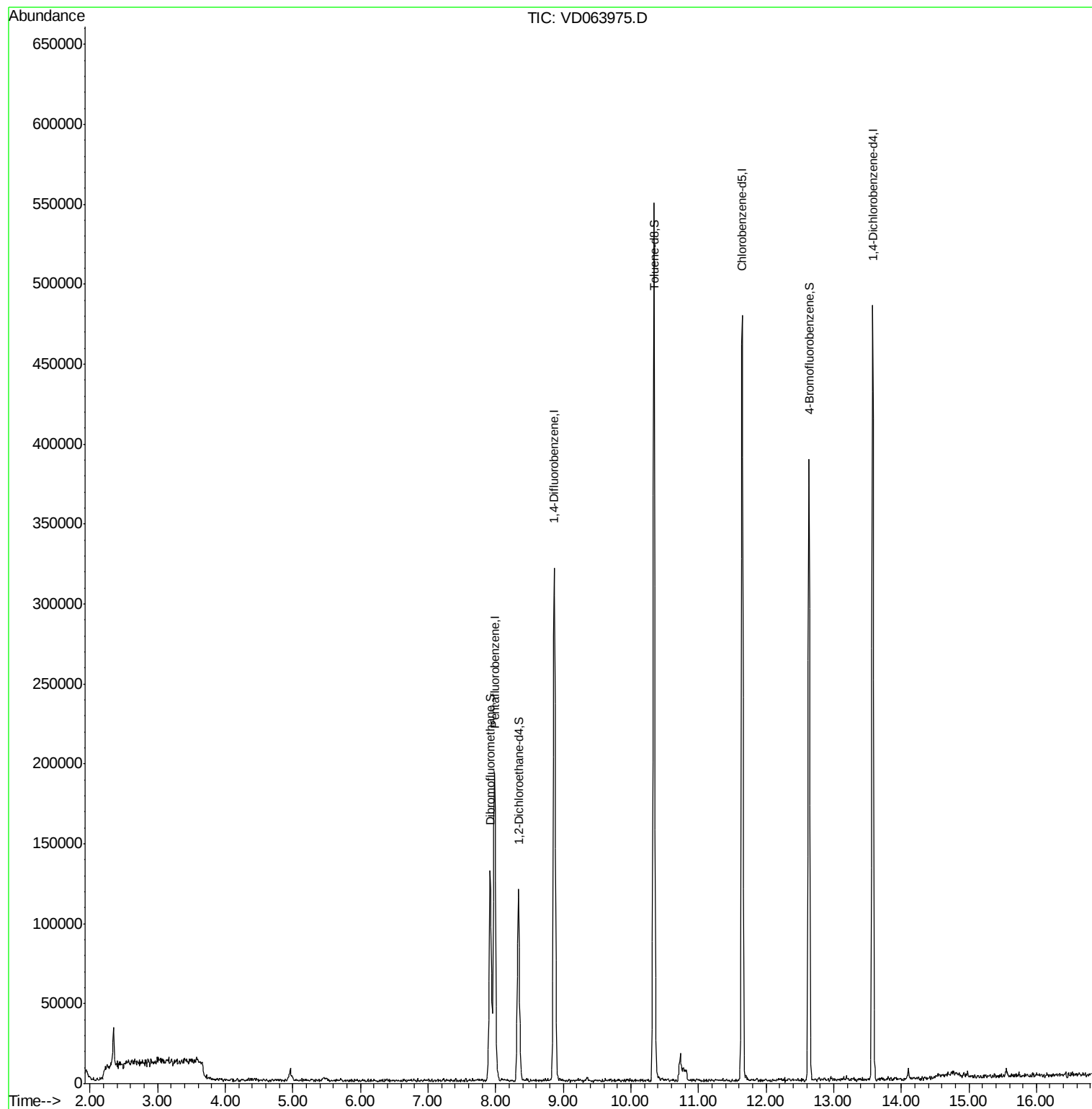
Target Compounds	Qvalue
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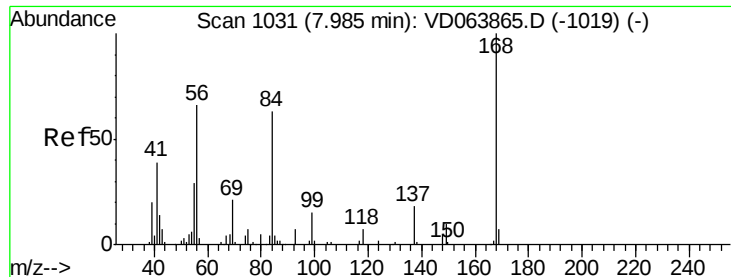
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063975.D

Acq: 15 Oct 2019 16:44

Instrument :

MSVOA_D

ClientSampleId :

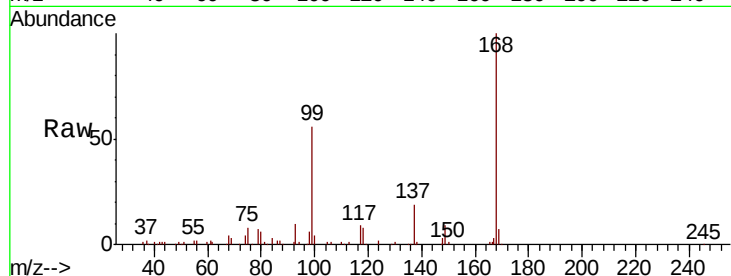
STOCK-PILE-1RE

Tot Ion:168 Resp: 145231

Ion Ratio Lower Upper

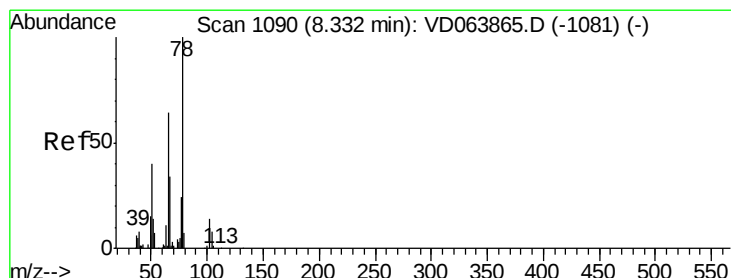
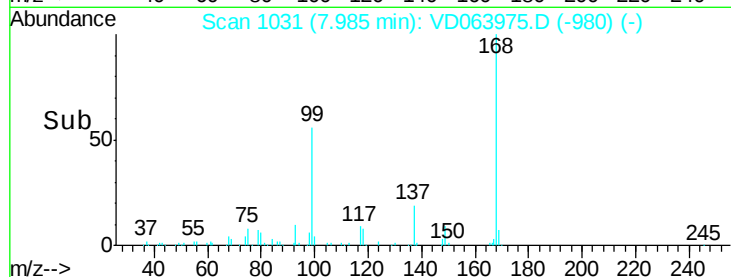
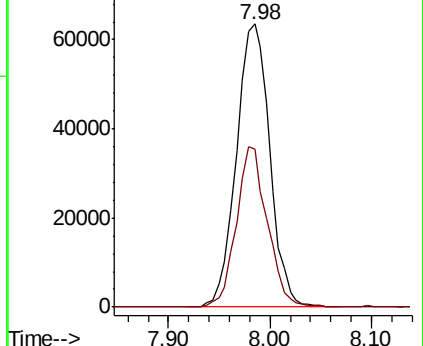
168 100

99 55.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 63.337 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063975.D

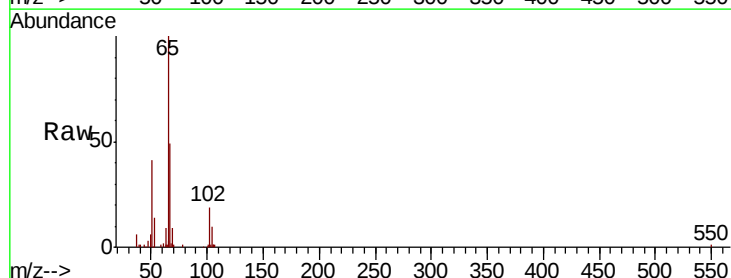
Acq: 15 Oct 2019 16:44

Tgt Ion: 65 Resp: 89554

Ion Ratio Lower Upper

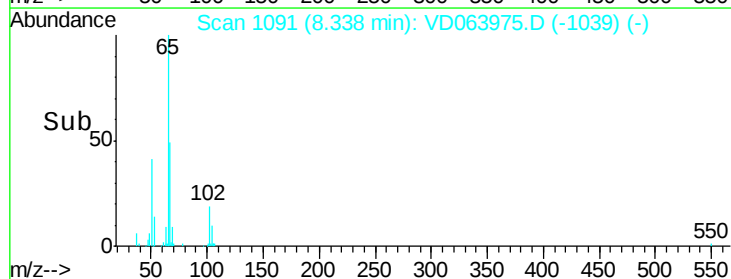
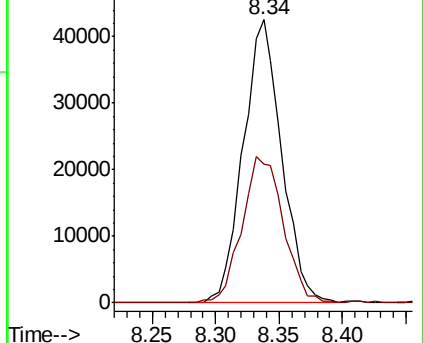
65 100

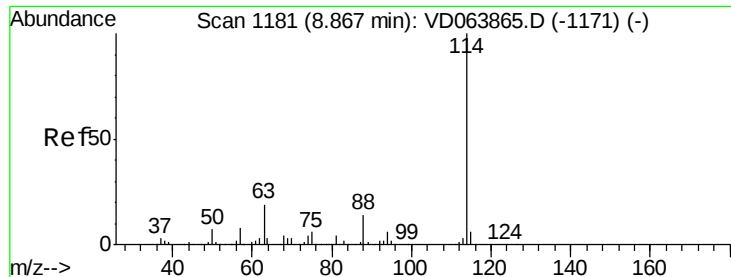
67 55.7 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

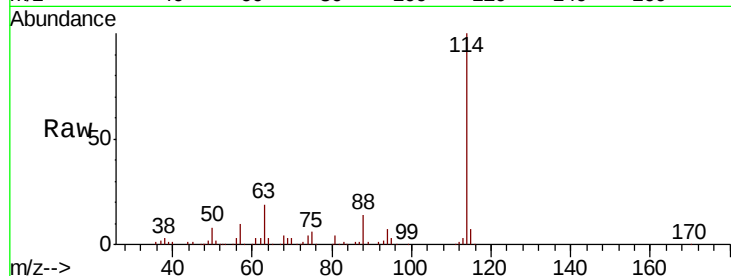




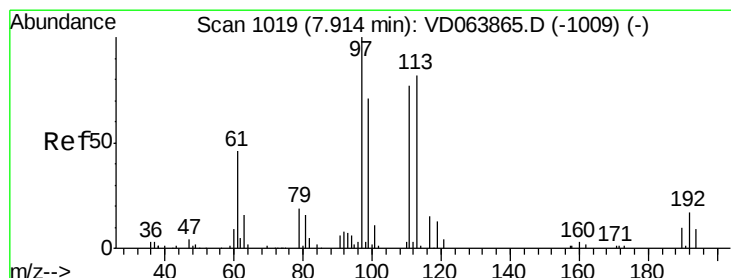
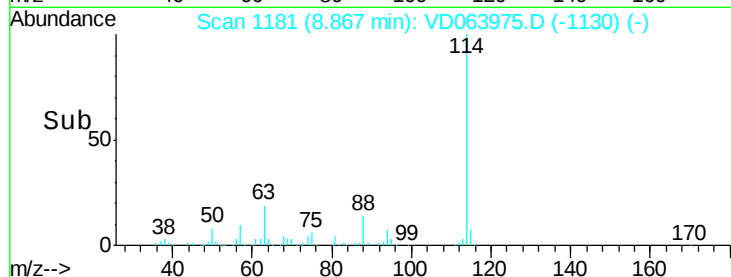
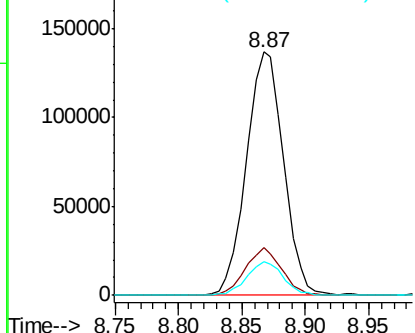
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063975.D
 Acq: 15 Oct 2019 16:44

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCK-PILE-1RE

Tot Ion:114 Resp: 279351
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.4
 88 13.7 0.0 27.4

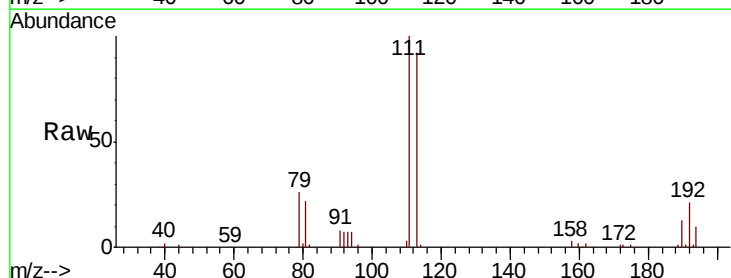


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

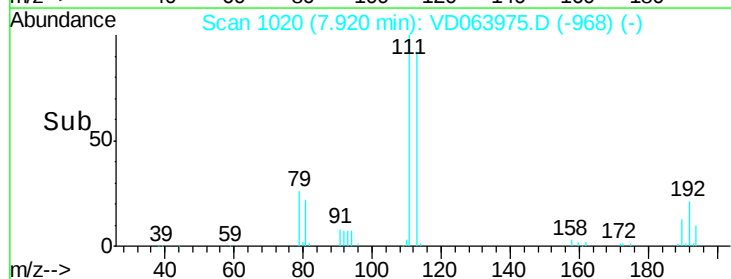
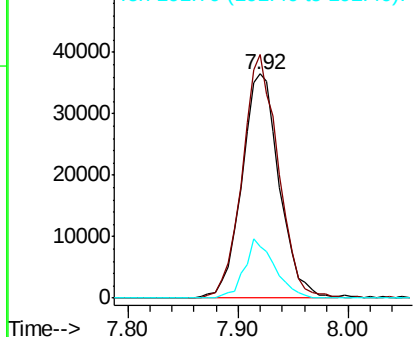


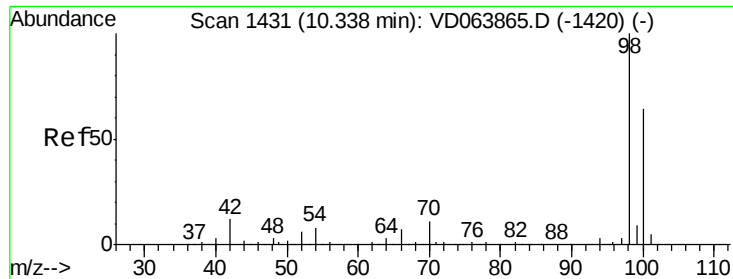
#35
 Dibromofluoromethane
 Concen: 50.928 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063975.D
 Acq: 15 Oct 2019 16:44

Tgt Ion:113 Resp: 86944
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.6 123.8
 192 21.5 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

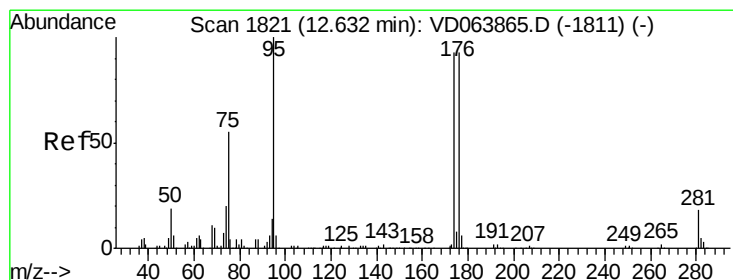
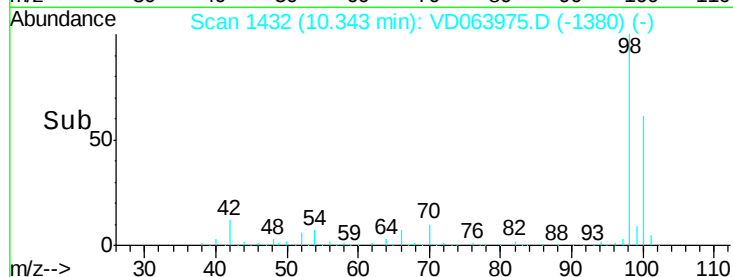
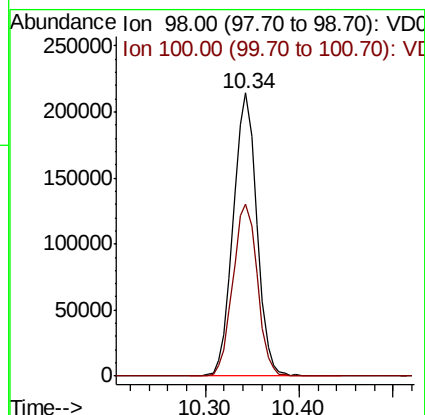
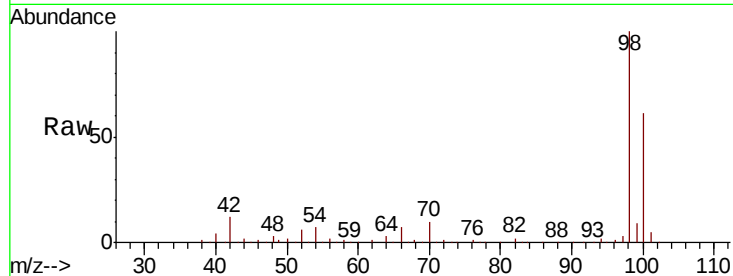




#50
Toluene-d8
Concen: 53.947 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063975.D
Acq: 15 Oct 2019 16:44

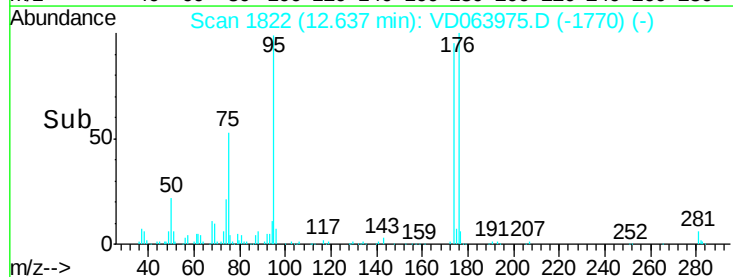
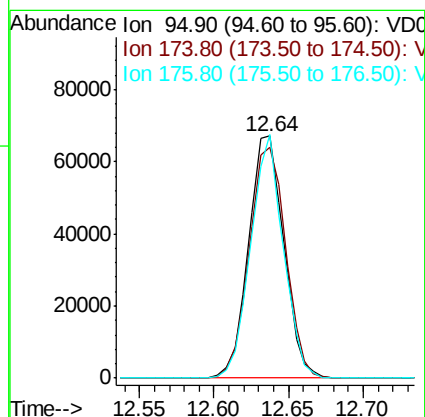
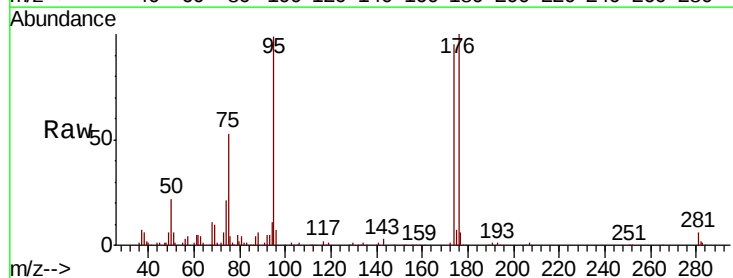
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE-1RE

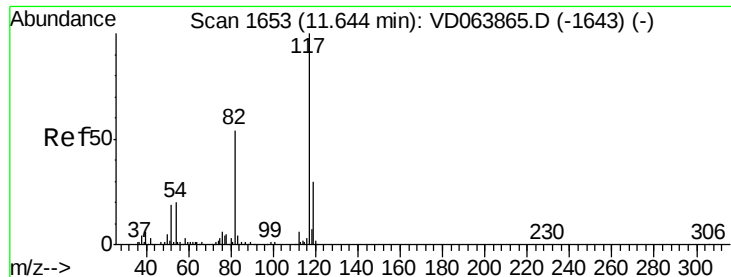
Tot Ion: 98 Resp: 373811
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.429 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD063975.D
Acq: 15 Oct 2019 16:44

Tgt Ion: 95 Resp: 109390
Ion Ratio Lower Upper
95 100
174 98.7 0.0 186.4
176 92.5 0.0 184.2

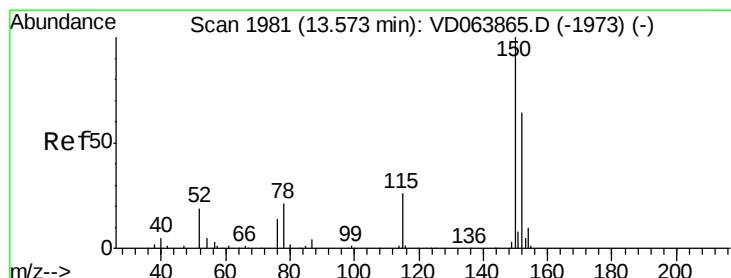
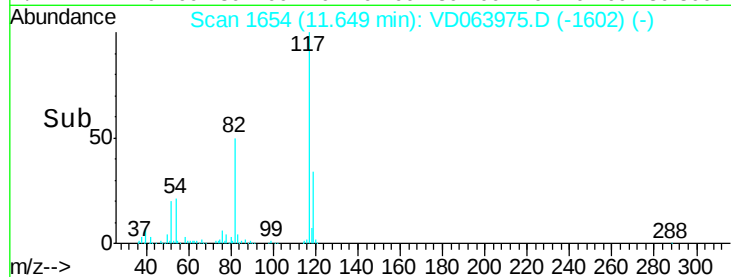
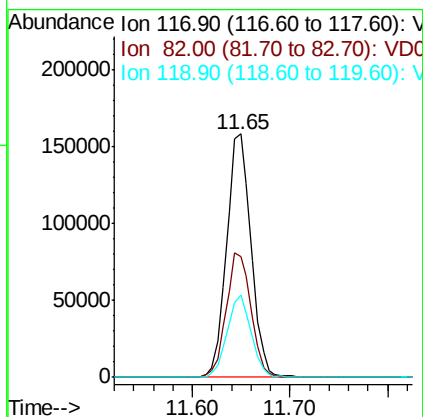
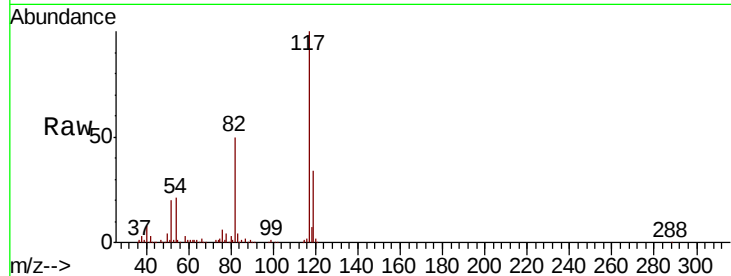




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063975.D
Acq: 15 Oct 2019 16:44

Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE-1RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.8	64.2
119	33.8	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD063975.D
Acq: 15 Oct 2019 16:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	25.9	77.7
150	155.4	0.0	344.2

